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1817 **Efficient Naked Plasmid Cotransfection of Lung Grafts by Extended Lung/Plasmid Exposure Time**
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1825 **Association of IL-8 and MCP-1 With the Development of Reexpansion Pulmonary Edema in Rabbits**
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1833 **The Paradox of Survival Results After Heart Transplantation for Cardiomyopathy Caused by *Trypanosoma cruzi***
Edimar Alcides Bocchi, MD, and Alfredo Fiorelli, MD, on behalf of the First Guidelines Group for Heart Transplantation of the Brazilian Society of Cardiology

1839 **Risk Analysis In Patients Bridged to Transplantation**
Lawrence R. McBride, MD, Keith S. Naunheim, MD, Andrew C. Fiore, MD, Robert G. Johnson, MD, Debbie A. Moroney, RN, Jenny A. Brannan, RN, MSN, and Marc T. Swartz

1845 **Reappearance of Myocytes in Ovine Infarcts Produced by Six Hours of Complete Ischemia Followed by Reperfusion**
Frank W. Bowen, MD, Takashi Hattori, MD, Nanveet Narula, MD, Ivan S. Salgo, MD, Theodore Plappert, CVT, Martin G. St. John Sutton, MBBS, FRCP, and L. Henry Edmunds, Jr, MD

1856 **Sarpogrelate Inhibits Serotonin-Induced Proliferation of Porcine Coronary Artery Smooth Muscle Cells: Implications for Long-Term Graft Patency**
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1866 **Vascular Delay and Intermittent Stimulation: Keys to Successful Latissimus Dorsi Muscle Stimulation**
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1874 **Double Valve Endocarditis**
A. Marc Gillinov, MD, Ramon Diaz, MD, Eugene H. Blackstone, MD, Gösta B. Pettersson, MD, Joseph F. Sabik, MD, Bruce W. Lytle, MD, and Delos M. Cosgrove III, MD

1880 **Valvular Heart Operation in Patients With Previous Mediastinal Radiation Therapy**
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1885 **Actuarial and Actual Analysis of Surgical Results: Empirical Validation**
Gary L. Grunkemeier, PhD, Richard P. Anderson, MD, and Albert Starr, MD

1888 **Cardiac Reoperation in the Intensive Care Unit**
Steven M. Fiser, MD, Curtis G. Tribble, MD, John A. Kern, MD, Stewart M. Long, MD, Aditya K. Kaza, MD, and Irving L. Kron, MD

1894 **Surgical Experience With Left Ventricular Free Wall Rupture**
Martin H. McMullan, MD, Michael D. Maples, MD, Thomas L. Kilgore, Jr, MD, and Stephen H. Hindman, MD

1900 **Closed Chest Hypothermic Circulatory Arrest for Complex Intracranial Aneurysms**
Malek G. Massad, MD, Fady T. Charbel, MD, Rabih Chaer, MD, Alexander S. Geha, MD, and James I. Ausman, MD, PhD

1905 **Prospective Randomized Neurocognitive and S-100 Study of Hypothermic Circulatory Arrest, Retrograde Brain Perfusion, and Antegrade Brain Perfusion for Aortic Arch Operations**
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1913 **S100β Correlates With Neurologic Complications After Aortic Operation Using Circulatory Arrest**
Scott A. LeMaire, MD, Jay K. Bhama, MD, Zachary C. Schmittling, MD, Peter J. Oberwalder, MD, Cüneyt Köksoy, MD, Steve A. Raskin, CCP, Patrick E. Curling, MD, and Joseph S. Coselli, MD

1920 **Heparin-Induced Thrombocytopenia: Bovine Versus Porcine Heparin in Cardiopulmonary Bypass Surgery**
Barbara A. Konkle, MD, Thomas L. Bauer, MD, Gowthami Arepally, MD, Douglas B. Cines, MD, Mortimer Poncz, MD, Stephen McNulty, DO, Richard N. Edie, MD, and John D. Mannion, MD

1925 **Lactate Release During Reperfusion Predicts Low Cardiac Output Syndrome After Coronary Bypass Surgery**
Vivek Rao, MD, PhD, Joan Ivanov, RN, MSc, Richard D. Weisel, MD, Gideon Cohen, MD, Michael A. Borger, MD, and Donald A. G. Mickle, MD

1931 **Antiinflammatory Effects of Colforsin Daropate Hydrochloride, a Novel Water-Soluble Forskolin Derivative**
Nobuhiko Hayashida, MD, Shingo Chihara, MD, Eiki Tayama, MD, Tohru Takaseya, MD, Naofumi Enomoto, MD, Takemi Kawara, MD, and Shigeaki Aoyagi, MD

1939 **Surgical Treatment of Atrial Fibrillation Using Radiofrequency Energy**
Mathew R. Williams, MD, James R. Stewart, MD, Steven F. Bolling, MD, Sarah Freeman, BA, James T. Anderson, MD, Michael Argenziano, MD, Craig R. Smith, MD, and Mehmet C. Oz, MD

1945 **Optimal Position of Atrial Epicardial Leads for Temporary Pacing in Infants After Cardiac Surgery**
Ichiro Kashima, MD, Ryo Aeba, MD, Toshiyuki Katogi, MD, and Shiaki Kawada, MD

1949 **Efficacy of Single Versus Bilateral Internal Mammary Artery Grafting in Women: A Long-Term Study**
Paul A. Kurlansky, MD, Ernest A. Traad, MD, David L. Galbut, MD, Melinda Zucker, BSN, and George Ebra, EdD

1959 **Off-Pump Reoperative Coronary Artery Bypass Grafting by Thoracotomy: Patient Selection and Operative Technique**
Fouad M. Azoury, MD, A. Marc Gillinov, MD, Bruce W. Lytle, MD, Nicholas G. Smedira, MD, and Joseph F. Sabik, MD

1964 **Intraaortic Balloon Pump Therapy Facilitates Posterior Vessel Off-Pump Coronary Artery Bypass Grafting in High-Risk Patients**
Ki-Bong Kim, MD, Cheong Lim, MD, Hyuk Ahn, MD, and Jin-Kee Yang, RN

1969 **Myocardial Revascularization With Multiple Arterial Grafts: Comparison Between the Radial Artery and the Right Internal Thoracic Artery**
Massimo Lemma, MD, Guido Gelpi, MD, Andrea Mangini, MD, Paolo Vanelli, MD, Cristina Carro, MD, Annamaria Condemi, MD, and Carlo Antona, MD

1974 **Successful Biventricular Repair After Initial Norwood Operation for Interrupted Aortic Arch With Severe Left Ventricular Outflow Tract Obstruction**
Eldad Erez, MD, Vincent K. H. Tam, MD, Kirk R. Kanter, MD, and Derek A. Fyfe, PhD

1978 **Arterial Switch Operation: Factors Impacting Survival in the Current Era**
John W. Brown, MD, Hyung Joo Park, MD, and Mark W. Turrentine, MD

1985 **Repair of Anomalous Left Main Coronary Artery Arising From the Pulmonary Artery in Infants: Long-Term Impact on the Mitral Valve**
Charles B. Huddleston, MD, David T. Balzer, MD, and Eric N. Mendeloff, MD

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1990 **Thrombus Formation After the Fontan Operation**
Patrick D. Coon, RDCS, RCVT, Jack Rychik, MD, Rita T. Novello, RDCS, Pamela S. Ro, MD, J. William Gaynor, MD, and Thomas L. Spray, MD

1995 **One and a Half Ventricle Repair With Pulsatile Bidirectional Glenn: Results and Guidelines for Patient Selection**
Ujjwal Kumar Chowdhury, MCh, Balram Airan, MCh, Rajesh Sharma, MCh, Anil Bhan, MCh, Shyam Sunder Kothari, DM, Anita Saxena, DM, and Panangipalli Venugopal, MCh

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2003 **Anti-HLA Class I Antibodies and Pulmonary Homograft Function After the Ross Procedure**
J. F. Matthias Bechtel, MD, Claus Bartels, MD, Claudia Schmidtke, MD, Wim Skibba, Michael Müller-Steinhardt, MD, Harald Klüter, MD, and Hans-Hinrich Sievers, MD

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2008 **Living-Donor Lobar Lung Transplantation for Primary Ciliary Dyskinesia**
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2009 **Rare Clinical Diagnosis of Dendriform Pulmonary Ossification**
Jana M. Jaderborg, MD, and Robert F. Dunton, MD

2011 **Delayed Pulmonary Hemorrhage 17 Years After Gunshot Wound to the Chest**
John F. Bilello, MD, Krista L. Kaups, MD, and James W. Davis, MD

2013 **Excision of an Invasive Thymoma: A Cure for Ulcerative Colitis?**
Kenichi Okubo, MD, Nobuyuki Kondo, MD, Toshihoro Okamoto, MD, Jun Isobe, MD, and Yoichiro Ueno, MD

2015 **Extrapleural Resection of Lung Metastasis in a Patient With Dense Pleural Adhesions Using VATS**
Atsushi Watanabe, MD, Akihiko Yamauchi, MD, Jun-ich Sakata, MD, and Tomio Abe, MD, PhD

2016 **Off-Pump Combined Coronary Artery Bypass Grafting and Left Upper Lobectomy Through Left Posterolateral Thoracotomy**
Alsir A. M. Ahmed, FRCS, and Mazin A. I. Sarsam, FRCS(C)

2018 **Surgical Treatment of Annuloaortic Ectasia With Coronary Aneurysm and Fistula**
Teruhisa Kazui, MD, Naoki Washiyama, MD, Bashar A. H. Muhammad, MBBS, Katsushi Yamashita, MD, Makoto Takinami, MD, and Katsutoshi Miura, MD

2020 **Mitral Valve Replacement and Endocavitary Patch Repair for a Giant Left Ventricular Pseudoaneurysm**
Andras Kollar, MD, PhD, Benjamin F. Byrd III, MD, Henry K. Lui, MD, and Davis C. Drinkwater, Jr, MD

2022 **Organized Thrombus of the Tricuspid Valve Mimicking Valvular Tumor**
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2024 **Emergent Operation for Percutaneous Coronary Rupture After Abciximab Administration**
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2026 **Rupture of an Aneurysm of a Coronary Arteriovenous Fistula**
Takahiko Misumi, MD, Kuni Nishikawa, MD, Mikito Yasudo, MD, Takaaki Suzuki, MD, and Hiroya Kumamaru, MD

2027 **Hypothermic Arrest for Descending Aortic Rupture in Reoperative Patients**
Edward M. Nadolny, CCP, and Lars G. Svensson, MD, PhD

2030 **Atherosclerotic Aneurysm in the Circumflex Retroesophageal Right Aortic Arch**
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2032 **Reconstruction of the Left Ventricle in a Patient With Cardiac Hemangioma at the Apex**
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2034 **Hydatid Disease of the Interventricular Septum Causing Pericardial Effusion**
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2038 **Infection of a Retained Permanent Epicardial Pacemaker Lead**
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2066 **Therapeutic Implications of Inflammation in Atherosclerotic Cardiovascular Disease**
Craig H. Selzman, MD, Stephanie A. Miller, MD, and Alden H. Harken, MD

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James A. Magovern, MD

2079 **Dynamic Descending Thoracic Aortomyoplasty: Comparison With Intraaortic Balloon Pump in a Model of Heart Failure**
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2081 **Diaphragm Flap for Routine Prophylactic Reinforcement of Bronchial Stump After Pneumonectomy**
Umer Sayeed-Shah, MD, Jaime Strachan, MD, and John A. Elefteriades, MD

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Donald Whitaker, FRCS(Ed)

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Wolfgang Wandschneider, MD

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